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INFORMATION DISCLOSURE CITATION PTO-1449 ATTY. DOCKET NO. A-668281/DJB/RMS/DCF APPLICANT CHEE et al. SERIAL NO. 09/189,543 JAN 1 1 2000

GROUP /63/ TECH CENTER 1600 2900 FILING DATE November 10, 1998 U.S. PATENT DOCUMENTS EXAMINER' FILING DATE **CLASS** S INITIALS PATENT NO. DATE NAME **SUBCLASS** FOREIGN PATENT DOCUMENTS EXAMINER' Translation PATENT NO. COUNTRY S INITIALS DATE CLASS **SUBCLASS** Yes No Α 0 392 546 10/1990 **EP** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding os th April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. 2 Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Scientia Yugoslavica, 16(1-2):97-107 (1990). Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," International Journal of Genome Research, 1(1):59-79 (1992). Drmanac, R. et al., "Sequencing by Hybridization," Automated DNA Sequencing and Analysis, ed. M. Adams, C. Fields and J. Venter. (1994). 5 DATE CONSIDERED 4/28/00 EXAMINER

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION			ATTY. DOCKET NO. A-66828-1/DJB/RMS		NAL NO. 189,543		
			APPLICANT Chee et al.				
PTO-1449			FILING DATE November 10, 1998	GR 165	OUP /63/		
			U.S. PAT	ENT DOCUMENTS			
EXAMINER' S INITIALS	PATENT	NO. DATE		NAME	CLASS	SUBCLASS	FILING DATE
AM	A 4,822,7	46 4/1989	Walt		436	528	
	В 5,002,8	67 3/1991	Macevicz		435	6	
	C 5,114,8	64 5/1992	Walt		436	528	
7 6	p 5,105,3	05 4/1992	Betzig et al.		359	368	
DEC 0 6 1993	5,143,8	53 9/1992	Walt		436	501	
Į.	5,028,5	45 7/1991	Soini		436	501	
	G 5,244,6	36 9/1993	Walt et al.		422	82.07	
1	H 5,244,8	13 9/1993	Walt et al.		436	172	
	1 5,250,2	64 10/1993	Walt et al.	Walt et al.		82.07	
	J 5,252,4	94 10/1993	Walt	•	422 436	528	
11	K 5,254,4	77 10/1993	Walt		436	172	
	L 5,298,7	41 3/1994	Walt et al.		250	227,23	-
	M 5,320,8	14 6/1994	Walt et al.	-	422	82,07	
	N 5,496,9	97 3/1996	Pope		250	227,21	
	0 5,512,4	90 4/1996	Walt et al.		436		
	P 5,573,9	09 11/1996	Singer et al.		435		
	Q 5,633,9	72 5/1997	Walt et al.		385	116	
	R 4,499,0	52 2/1985	Fulwyler		422	52	
+	S 5,690,8	94 11/1997	Pinkel et al.		422	68.1	
1.	T 5,194,3	00 3/1993	Cheung		427	213,31	
	U 5,132,2	42 7/1992	Cheung		436	501	
<u> </u>			- 		1 7	<u> </u>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION				ATTY. DOCKET NO. A-66828-1/DJB/RMS		ERIAI 9/189,			
				APPLICANT Chee et al.	APPLICANT				
-		PTO-1449	FILING DATE November 10, 1998	, , , , ,					
			U.S. PA	TENT DOCUMENTS				 	
EXAMINER'		DATE	NAME CLASS		s su	JBCLASS	FILING	DATE	
AM	V	5,494,798	2/1996	Gerdt et al.	435	5	6		
OPE		5,565,324	10/1996	Still et al.	439	,	6		
DET: 0 6 T	199 EA	5,900,481	5/1999	Lough et al.	536	5	5.3		
	Į į	5,888,723	3/1999	Sutton et al.	435	5	5		
STANDE	Z	5,380,489	1/1995	Sutton et al.	422	2 6	8.1		
1	АА	5,516,635	5/1996	Ekins et al.	435	6			
<u>Y</u>		<u> </u>	FOREIGN P	ATENT DOCUMENT	ГS				
EXAMINER' S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	9 91	JBCLASS	Transl Yes	ation No
/m	ВВ	0478 319	† 	EP			DEELTOS	Tes	140
1	СС	0269764	6/1988	EP		=			
	DD	93/02360	2/1993	PCT		-			
	EE	89/11101	11/1989	РСТ		_			
	FF	97/14028	4/1997	PCT		-			
	GG	0 723 146	7/1996	EP					
	нн	98/40726	9/1998	PCT		-			
		98/53300	11/1998	PCT	-	+			
	JJ	98/53093	11/1998	PCT		干			
V	КК	97/40385	10/1997	PCT	-	\dashv			
EXAMINER And Pilaskog D.			DATE CONSIDERED	1/20	JO E)			
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				APPLICANT Chee et al.							
			PTO-1449	FILING DATE November 10, 1998	GROUP (63)						
			OTHER DOCUMENTS (Including A	Author, Title, Date, Pertine	ent Pages, Etc.)						
A	M	1	Anonymous, "Fluorescent Microsphe 1997.	eres," Tech. Note 19, Bang Laboratories, (Fishers, In) Bebruary							
		2	Anonymous, "Microsphere Selection	Guide," Bandg Laboratori	es, (Fisher, In) September 1998.						
6,	E	ું	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.								
DEC	0 6 19		Mignani, et al., "In-Vivo Biomedical Monitoring by Fiber-Optic Systems," Journal of Lightwave Technology, 13(7): 1396-1406 (1995).								
Č.		\$50	Peterson, J. et al., "Fiber Optic pH Pr	robe for Physiological Use	," Anal. Chem., 52:864-869 (1980).						
E TENTE	TRAUE	6	Pope, E. "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspehres," SPIE, 2388:245-256 (1995).								
		7	Strachan et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and its Application to the Detection of Listeria," Letters in Applied Microbiology, 21:5-9 (1995).								
		8	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).								
		9	Piunno et al., "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination," Anal. Chem., 67:2635-2643 (1995).								
		10	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338-340 (September 1991).								
		11	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987).								
		12	Healey et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," Analytical Biochemistry, 251:270-279 (1997).								
		13	Hirschfeld et al., "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5(7):1027-1033 (1987).								
<u> </u>	/	14	Peterson et al., "Fiber-Optic Sensors	for Biomedical Application	ns," Science, 13:123-127 (1984).						
<u> </u>				······································							
EXAM	IINER	And	in Marsler DA	ATE CONSIDERED 4/28	1/00						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.